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**TRANSMITTAL
FORM**

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/675,557
	Filing Date	September 30, 2003
	First Named Inventor	Terry L. Schneider
	Art Unit	1774
	Examiner Name	Brett A. Crouse
Total Number of Pages in This Submission	Attorney Docket Number	7784-000553/CPC

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard.
Remarks The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Harness, Dickey & Pierce, P.L.C.		
Signature			
Printed name	Mark D. Elchuk		
Date	April 23, 2007	Reg. No.	33686

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Mark D. Elchuk	Express Mail Label No.	EV 522 877 748 US (4/23/2007)
Signature		Date	April 23, 2007

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EV 522 877 748 US



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/675,557
Filing Date: 9/30/03
Applicant: Terry L. Schneider
Group Art Unit: 1774
Examiner: Brett A. Crouse
Title: Polymer Composite Structure Reinforced With Shape
Memory Alloy and Method of Manufacturing Same
Attorney Docket: 7784-000553CPC

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

Pursuant to the Office Action mailed January 23, 2007, it is respectfully requested that the application be further amended as follows.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 7 of this paper.